



#28/P-10 A-1  
T. McBeth B-0-  
1/31/02

PATENT  
Customer Number 22,852  
Attorney Docket No. 06502.0299

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Ann M. WOLLRATH et al. )  
Serial No. 08/636,706 )  
Filed: April 23, 1996 )  
For: SYSTEM AND METHOD FOR )  
FACILITATING DYNAMIC )  
LOADING OF "STUB" )  
INFORMATION TO ENABLE )  
A PROGRAM OPERATING IN )  
ONE ADDRESS SPACE TO )  
INVOKE PROCESSING OF A )  
REMOTE METHOD OR )  
PROCEDURE IN ANOTHER )  
ADDRESS SPACE )

Group Art Unit: 2151  
Examiner: Sue X. LAO

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Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed with a Continued Prosecution Application. Applicants respectfully petition and request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

LAW OFFICES

FINNEGAN, HENDERSON,  
FARABOW, GARRETT,  
& DUNNER, L.L.P.  
1300 I STREET, N. W.  
WASHINGTON, DC 20005  
202-408-4000

Copies of the listed documents are attached.

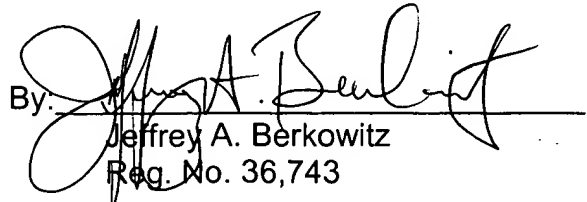
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

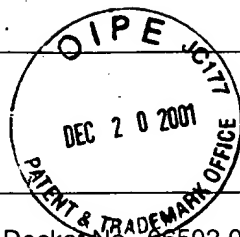
FINNEGAN, HENDERSON, FARABOW,  
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By:   
Jeffrey A. Berkowitz  
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Date: December 19, 2001

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**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	US4,430,699	2/7/1984	Segarra et al.			
	US4,558,413	12/10/1985	Schmidt et al.			
	US5,392,280	2/21/1995	Zheng			
	US5,548,726	8/20/1996	Pettus			
	US5,555,427	9/10/1996	Aoe et al.			
	US5,594,921	1/14/1997	Pettus			
	US5,675,796	10/7/1997	Hodges et al.			
	US5,706,435	1/6/1998	Barbara et al.			
	US5,706,502	1/6/1998	Foley et al.			
	US5,727,145	3/10/1998	Nessett et al.			
	US5,745,678	4/28/1998	Herzberg et al.			
	US5,745,755	4/28/1998	Covey			
	US5,748,897	5/5/1998	Katiyar			
	US5,757,925	5/26/1998	Faybishenko			
	US5,758,344	5/26/1998	Prasad et al.			
	US5,764,897	6/9/1998	Khalidi			
	US5,768,532	6/16/1998	Megerian			
	US5,778,187	7/7/1998	Monteiro et al.			
	US5,778,368	7/7/1998	Hogan et al.			

Examiner

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	US5,784,560	7/21/1998	Kingdon et al.			
	US5,787,425	7/28/1998	Bigus			
	US5,787,431	7/28/1998	Shaughnessy			
	US5,802,367	9/1/1998	Held et al.			
	US5,808,911	9/15/1998	Tucker et al.			
	US5,809,507	9/15/1998	Cavanaugh, III			
	US5,812,819	9/22/1998	Rodwin et al.			
	US5,813,013	9/22/1998	Shakib et al.			
	US5,815,149	9/29/1998	Mutschler, III et al.			
	US5,815,709	9/29/1998	Waldo et al.			
	US5,818,448	10/6/1998	Katiyar			
	US5,832,219	11/3/1998	Pettus			
	US5,832,593	11/10/1998	Wurst et al.			
	US5,835,737	11/10/1998	Sand et al.			
	US5,845,090	12/1/1998	Collins, III et al.			
	US5,860,004	1/12/1999	Fowlow et al.			
	US5,864,862	1/26/1999	Kriens et al.			
	US5,864,866	1/26/1999	Henckel et al.			
	US5,872,973	2/16/1999	Mitchell et al.			
	US5,875,335	2/23/1999	Beard			

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	US5,878,411	3/2/1999	Borroughs et al.			
	US5,884,024	3/16/1999	Lim et al.			
	US5,884,079	3/16/1999	Furusawa			
	US5,887,134	3/23/1999	Ebrahim			
	US5,889,951	3/30/1999	Lombardi			
	US5,890,158	3/30/1999	House et al.			
	US5,892,904	4/6/1999	Atkinson et al.			
	US5,913,029	6/15/1999	Shostak			
	US5,933,647	8/3/1999	Aronberg et al.			
	US5,935,249	8/10/1999	Stern et al.			
	US5,940,827	8/17/1999	Hapner et al.			
	US5,944,793	8/31/1999	Islam et al.			
	US5,946,694	8/31/1999	Copeland et al.			
	US5,949,998	9/7/1999	Fowlow et al.			
	US5,951,652	9/14/1999	Ingrassia, Jr. et al.			
	US5,956,509	9/21/1999	Kevner			
	US5,963,947	10/5/1999	Ford et al.			
	US5,969,967	10/19/1999	Aahlad et al.			
	US5,974,201	10/26/1999	Chang et al.			
	US5,978,484	11/2/1999	Apperson et al.			

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	US5,987,506	11/16/1999	Carter et al.			
	US5,999,179	12/7/1999	Kekic et al.			
	US5,999,988	12/7/1999	Pelegri-Llopart et al.			
	US6,009,103	12/28/1999	Woundy			
	US6,016,496	1/18/2000	Roberson			
	US6,023,586	2/8/2000	Gaisford et al.			
	US6,026,414	2/15/2000	Anglin			
	US6,031,977	2/29/2000	Pettus			
	US6,052,761	4/18/2000	Hornung et al.			
	US6,058,383	5/2/2000	Narasimhalu et al.			
	US6,061,699	5/9/2000	DiCecco et al.			
	US6,061,713	5/9/2000	Bharadhwaj			
	US6,067,575	5/23/2000	McManis et al.			
	US6,085,255	7/4/2000	Vincent et al.			
	US6,108,346	8/22/2000	Doucette et al.			
	US6,185,602	2/6/2001	Bayrakeri			
	US6,185,611	2/6/2001	Waldo et al.			
	US6,216,138	4/10/2001	Wells et al.			
	US6,226,746	5/1/2001	Scheifler			

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	US6,247,091	6/12/2001	Lovett			
	US6,282,295	8/28/2001	Young et al.			
	US6,282,568	8/28/2001	Sondur et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	EP0 718 761 A1	6/26/1996	EPO			
	EP0 767 432 A2	4/9/1997	EPO			
	EP0 778 520 A2	6/11/1997	EPO			
	EP0 794 493 A2	9/10/1997	EPO			
	EP0 803 810 A2	10/29/1997	EPO			
	EP0 803 811 A2	10/29/1997	EPO			
	EP0 805 393 A2	11/5/1997	EPO			
	EP0 810 524 A1	12/3/1997	EPO			
	EP0 817 020 A2	1/7/1998	EPO			
	EP0 817 022 A2	1/7/1998	EPO			
	EP0 817 025 A2	1/7/1998	EPO			
	EP0 836 140 A2	4/15/1998	EPO			
	GB2 305 087 A	3/26/1997	Great Britain			

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	JP11-45187	2/16/1999	JP			
	WO98/02814	1/22/1998	PCT			
	WO98/04971	2/5/1998	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	"Java (TM) Remote Method Invocation Specification," Sun Microsystems, Inc., <java.sun.com/products/jdk1.2beta1>, 1997
	Aldrich et al., "Providing Easier Access to Remote Objects in Client-Server Systems," System Sciences, 1998, Proceedings of the 31st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 366-375.
	Aldrich et al., "Providing Easier Access to Remote Objects in Distributed Systems," Calif. Institute of Technology, www.cs.caltech.edu/%7Ejedi/paper/jedipaper.html, Nov. 21, 1997
	Alexander et al., "Active Bridging," Proceedings of the ACM/SIGCOMM'97 Conference, Cannes, France, September 1997
	Burns et al., "An Analytical Study of Opportunistic Lease Renewal," "Distributed Computing Systems, 21st International Conference, pp. 146-153, April 2000.
	Fleisch et al., "High Performance Distributed Objects Using Distributed Shared Memory & Remote Method Invocation," System Sciences, 1998, Proceedings of the 31st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 574-578
	Guth, "JavaOne: Sun to Expand Java Distributed Computing Effort," <http://www.sunworld.com/swol-02-1998/swol-02-sunspots.html>, XP-002109935, P.1, February 20, 1998
	Guyennet et al., "A New Consistency Protocol Implemented in the CALiF System," IEEE, 1094-7256/97, pp. 82-87, 1997
	Guyennet et al., "Distributed Shared Memory Layer for Cooperative Work Applications," IEEE, 0742-1303/97, pp. 72-78, 1997
	Hamilton, "Java and the Shift to Net-Centric Computing," Computer, pp. 31-39, August 1996
	Harris et al., "Proposal for a General Java Proxy Class for Distributed Systems and Other Uses," Netscape Communications Corp., June 25, 1997

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Hartman et al., "Liquid Software: A New Paradigm For Networked Systems," Technical Report 96-11, Department of Comp. Sci., Univ. of Arizona, June 1996

Hoshi et al., "Allocation of the Cross-Connect Function in Leased Circuit Networks," 1992, ICC'92, conference record, SUPERCOMM/ICC '92, A New World of Communications, IEEE International Conference, pp. 1408-1412.

Jaworski, "Java 1.1 Developer's Guide, 2nd Edition," Sams.net, 1997

McGrath, "Discovery and Its Discontents: Discovery Protocols for Ubiquitous Computing," Presented at Center for Excellence in Space Data and Information Science, NASA Goddard Space Flight Center, April 5, 2000

Mitchell et al., "Mesa Language Manual," Xerox Corporation, Palo Alto Research Center, 1978

Riggs et al., "Pickling State in the Java (TM) System," USENIX Association Conference on Object-Oriented Technologies and Systems, XP-002112719, pp. 241-250, June 17-21, 1996

Venners, "Jini Technology, Out of the Box," JAVAWORLD, 'Online!', pp. 1-4, December 1998

Wollrath et al., "A Distributed Object Model for the Java (TM) System," USENIX Association, Conference on Object-Oriented Technologies and Systems, June 17-21, 1996

Yemini et al., "Towards Programmable Networks," IFIP/IEEE International Workshop on Distributed Systems: Operations and Management, L'Aquila, Italy, October 1996

Yin et al., "Using Leases to Support Server Driven Consistency in Large-Scale Systems," Computer Services Department, University of Texas at Austin, p. 285-294, May 26-28, 1998

Yin et al., "Volume Leases for Consistency in Large-Scale Systems," IEEE Transactions on Knowledge & Data Engineering, Vol. 11, No. 4, pp. 563-576, July/August 1999

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